

Proposed Data Elements for PARS II

Revised: April 8, 2009 – Version 3.4

This document should be printed on legal size paper, in landscape mode.

1.0 Overview

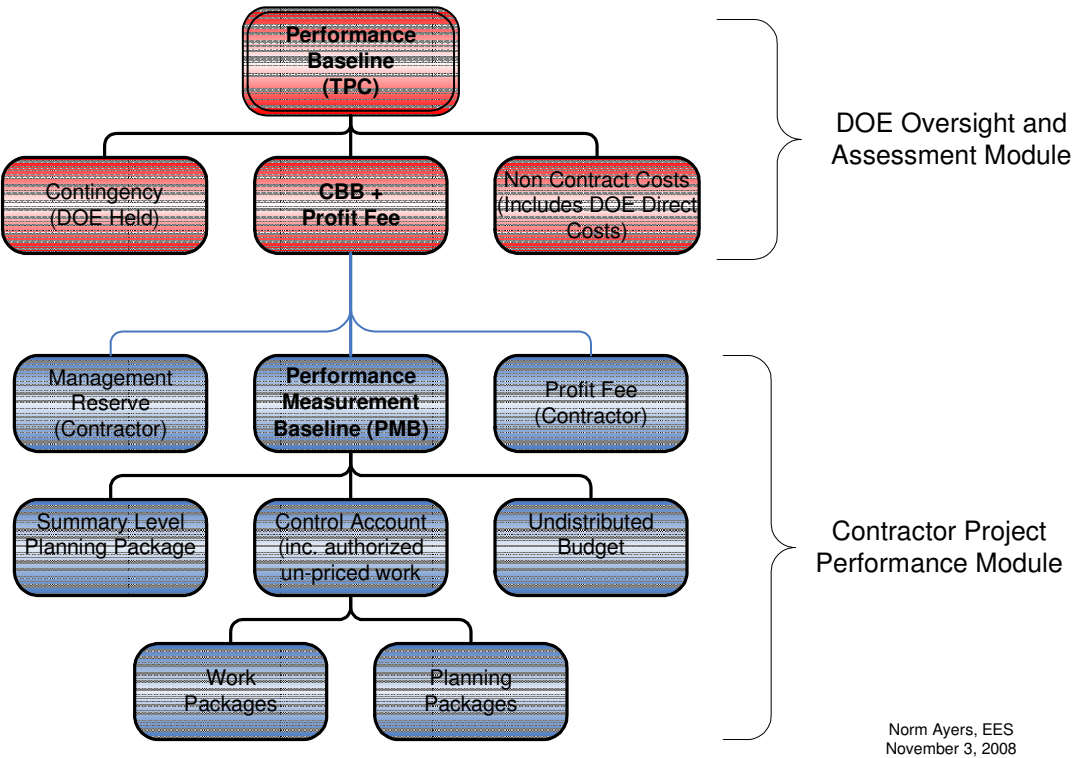
The PARS II application will collect two major types of data from DOE Field Site and DOE Headquarters locations. The two types of data are called: (1) **Oversight and Assessment Data** and (2) **Contractor Project Performance Data** and are designed to provide information to support for the concepts and data elements represented by the DOE EVMS Gold Card¹. A reproduction the relevant section of the Gold Card appears to the right.

Oversight and Assessment Data (OA), such as monthly assessments, contingency, profit/fees, other direct costs, performance baseline, milestone completion dates, contractor certification status, total project cost and other data elements will be collected from Federal Project Directors, Program Office Analysts and OECM Analysts using the PARS II Oversight and Assessment module. This type of data is often referred to as summary level data and is related to the items shown in the red-shaded portion the DOE EVMS Gold Card.

Contractor Project Performance Data (CPP), such as the management reserve, performance measurement baseline, contractor’s earned value data, schedule data, variance analysis reports and risk logs will be collected from the site contractor’s earned value management system using the PARS II Contractor Project Performance “project upload file function”. The contractor will use this functionality, on a monthly basis, to send (i.e., upload) files containing earned value data, schedule data, management reserve, variance reports and risk to the PARS II server at Headquarters. These types of data elements are related to the blue-shaded portion the DOE EVMS Gold Card.

PARS II will store both types of data in the database and will integrate them, for reporting purposes, using the Project ID as the common data element.

Please note that the names used to describe of database tables and data elements in this document are based on terms commonly used by Department of Energy federal and contractor personnel, and are based on the language found in relevant publications such as DOE Orders, Guides, Manuals and PARS 1 documentation. PARS II will be implemented using the Dekker PMIS COTS product, which uses its own internal database table and data element naming conventions. Therefore, when implemented, PARS II may not use many of the table names and data element names described below. However, Dekker software will be modified to provide PARS II users with a “data aliasing” feature that translates Dekker terminology into DOE terminology.

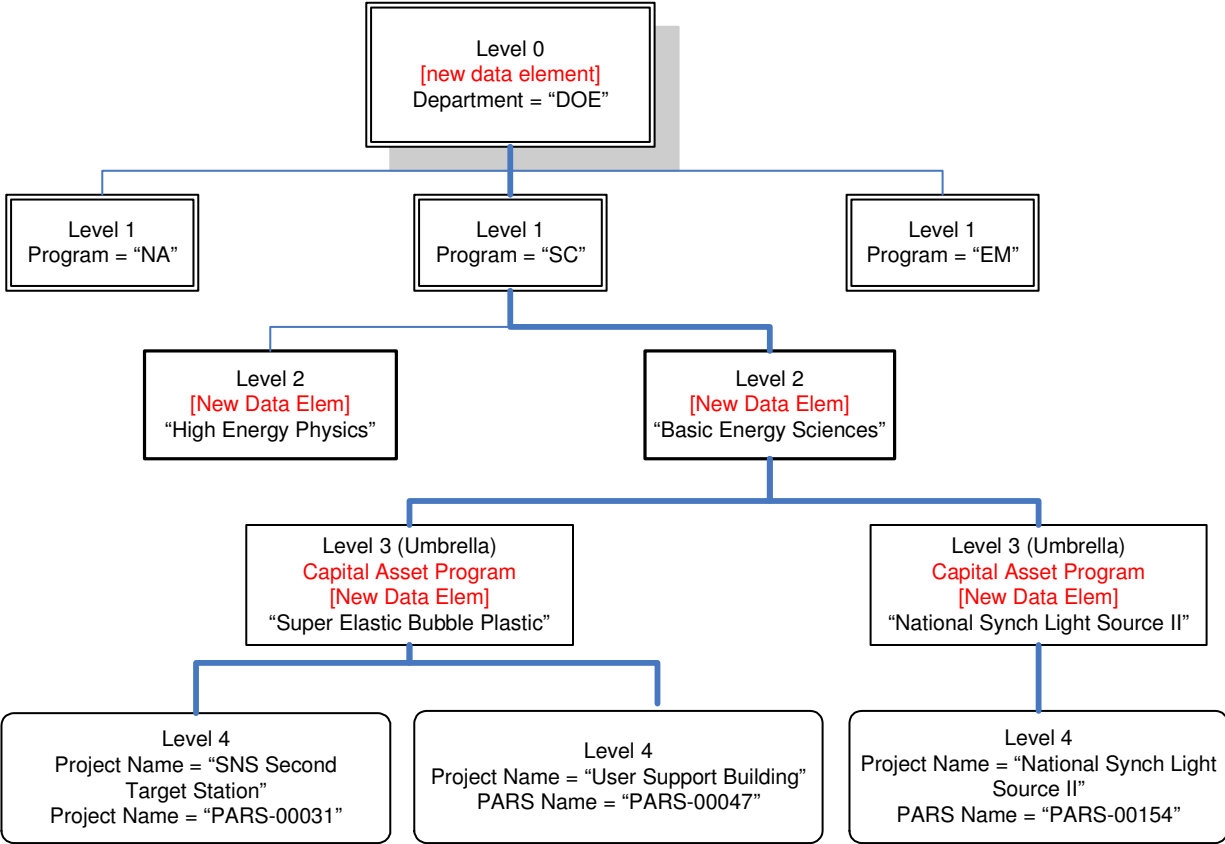


Norm Ayers, EES
November 3, 2008

¹ DOE Guide 413.3-10, Appendix B-1, May 6, 2008

2.0 PARS II Data Hierarchy

On March 5, 2009, OECM introduced the following diagram and proposed that the data hierarchy shown below be incorporated into the PARS II database and reporting system. Note that three new data elements (to be named) will be required to implement this data structure. The purpose of this diagram is to show how it will be possible for a user of the PARS II system to generate a custom report and “drill down” from Level 0 to Level 4 data elements, showing the levels of aggregation and supporting detail



3.0 Database Tables

The database for PARS II is being designed to store, for each project, **oversight and assessment data** and **contractor project performance data**. The database will contain many tables that can be categorized as either Reference Tables or Data Tables. The information stored in Reference Tables is static in nature (e.g., not updated very often) and contains data such as Contacts, Sites, Program Office Codes, Group Access Rights, etc. Data elements in these Reference Tables will be used by PARS II for look-up or data validation purposes (e.g., using drop-down boxes). Information stored in Data Tables is dynamic in nature (e.g., is updated daily, weekly) and contains items such as the Projects Table, Narratives Table, Earned Value Table, Budget Profile Table, etc.

The sections below describe the information contained in the Reference Tables, the Data Tables and the entire list of data elements for PARS II. Please note that other tables and data elements may be added to this document as a result of information obtained from Discovery Sessions and feedback from stakeholders.

3.1 Database Reference Tables

The following list of Reference Tables to be included in the PARS II database.

	Reference Table Name	Description of Reference Table
1.	Calendar Table	An electronic calendar within PARS II to be used for calculating schedules, displaying months, days, years, selecting date range values on screens, etc.
2.	Capital Program Table (Level 3)	The list of valid Capital Asset Programs.
3.	Color Status Indicators Table	A list of status indicators, to be used on screens and reports, indicating the health of the project. Color indicators are: Red, Yellow and Green and are also associated with control limit data elements.
4.	Contacts Access Rights Table	A table that lists the “access rights” available to groups of users (see User Groups) who will use PARS II. Examples of access rights include: READ ONLY, ADD, CHANGE, DELETE. Access rights within the Dekker COTS software extends to the data element level.
5.	Contacts Groups Table	The list of valid user groups, such as OECM Analyst, Federal Program Manager (FPM) , Federal Project Director (FPD), Contractor Project Control, Contractor Project Manager, Program Office Project Manager and other groups.
6.	Contacts Table	The list of all users who may access PARS and contains information such as: user name, user title, user group, user location (building, city, state zip), user work phone number, user email address.
7.	Contractor EVMS Certification Status Codes Table	The list EV certification status codes that apply to the contractor, such as: Certified, Reviewed, Not Reviewed
8.	Contractor Names Table	The list of prime contractor names
9.	Critical Decision Structure Table	A table that defines the structure of the standard Critical Decision Milestone Table, such as CD-0, CD-1, CD-2, CD-3, CD-4, Close-out.
10.	Federal Agency Table [Level 0]	A list of official US Federal Agency acronyms, such as DOE.
11.	FPD Certification Level Codes Table	The list of certification level codes that pertain to the FPD, such as: Level 4, Level 3, Level 2, Level 1, Level 0

	Reference Table Name	Description of Reference Table
12.	FPD Certification Status Codes Table	The list of certification status codes that apply to the FPD, such as: Certified, Not Certified, Under Review
13.	FPM Certification Level Codes	A table that defines the level codes to be used to identify the various certification levels for the Federal Program Manager (FPM).
14.	Locations Table	List of valid locations at DOE sites
15.	Narrative Types Table	A list of the various types of narratives that to be written by the FPD, OECM, Program Office Analyst, such as: Status Assessment, Progress Assessment, Corrective Action Plan, Upcoming Events, Narrative to Achieve Green.
16.	Program Offices Table (Level 1)	The names and acronyms of all DOE Program Offices and Staff Offices, such as: SC, EM, NNSA, NE, MA, OCIO
17.	Program Sub-Offices Table (Level 2)	The names and acronyms of all DOE Sub Program Offices, such as Advanced Scientific Computing Research Biological & Environmental Research, Basic Energy Sciences, Fusion Energy Sciences and Staff Offices
18.	Project Activity Status Codes Table	The list of codes that identify the current “activity status” of a project, such as: Active, Completed CD4, Financial Closeout, On-Hold.
19.	Projects Contacts Assignment Table	Allows users to assign/view various types of contacts to a project (e.g. FPD, OECM Analyst, etc).
20.	Project Type 1 Table	The list of project types, such as: System, Facility Construction, Infrastructure Improvements, Restoration, Disposition, etc.
21.	Project Type 2 Table	The companion list of Project Types, to be associated with Project Type 1 codes, such as: Nuclear. Non-Nuclear
22.	Project Upload File Types Table	Contains the list of the valid types of upload files to be sent from sites, such as: X12 EV, Time-Phased EV, Schedule, Variance, Management Reserve, Risk, Other
23.	Sites Table	The list of valid Site Codes and Site Descriptions where the project is located.

3.2 Database “Data” Tables

The information below lists and describes each table name.

	Data Table Name	Description of Table
1.	Attachments Data	The project documents to be “attached” by the operator during a data entry session, and include electronic files such as: assessments, safety documents, project approval documents, project plans, project design documents, etc.
2.	Audit Log File Data	Log files, available to the PARS System Administrator, that show history transactions associated with data entry and internal workings of the system. With regard to all PARS data entry functions, log files must show who-changed-what-and-when. There will be several different types of audit log files.
3.	Budget Data	A table containing, for each fiscal year, the funding request and sources of funding to be used by the project. Data elements include the project’s Performance Baseline and funding sources from the DOE Integrated Priority List, OMB and Congress. The makeup of the Budget Profile table for PARS II is currently being discussed at OECM.
4.	Contractor EVMS Certification Status Log	A history table that contains a transaction for each event related to the certification status of the contractor; including the contractor’s name, certification status code (e.g. not certified, certified, reviewed, surveilled) and the data of each certification event.
5.	COR (Contractor Officer Representative) Certification Status Log	A history table that contains a transaction for each event related to the certification status of the COR; including the COR’s name, certification status code (Yes or No), and the date of each certification event.
6.	Critical Decisions Data	A table that contains data elements for the critical decision milestones associated with each project and includes the following data elements: Milestone ID, Milestone Name, Milestone Narrative, Milestone Planned Date, Milestone Actual Date (and possibly Milestone Tailoring data elements).
7.	FPD Certification Level Status Log	A history table that contains a transaction for each event related to the EVMS certification status of the FPD; including the FPD’s name, certification level (e.g. Level 0, 1, 2, 3, 4) and the data of each certification event.
8.	FPD Upcoming Events Data	A table, updated by the FPD each month that lists upcoming events that could be of interest to the DepSec.
9.	FPM Certification Level Status Log	A history table that contains a transaction for each event related to the EVMS certification status of the FPM, including the FPM’s name, certification level (e.g. Level 0, 1, 2, 3, 4) and the data of each certification event.
10.	Key Performance Parameters Data	A table that contains a list of all the KPPs for the project, including the KPP ID, KPP Description and KPP Narrative
11.	Narratives Data	This table contains written text for each type of narrative (see Narrative Types Table), as written by the FPD, Program Office Analyst, OECM Analyst. Each narrative must also be associated with the fiscal year, fiscal month and calendar date that the narrative was written. This table must also identify the Type of Narrative and name and title of the author who wrote the narrative.
12.	Performance Baseline (PB) History Data	A history file of performance baseline entries made to the Performance Baseline Table, containing the original baseline and subsequent baseline changes Data elements include the Baseline Version Number, Baseline Change Title, Baseline Change Date, Approval Authority, Narrative, etc. The table also includes a snapshot of selected data elements that were a part of the PB such as TPC, Estimated Completion Date, KPPs, Contingency, Profit/Fee.
13.	Performance Measurement Baseline	A history file of entries made to the contractor’s Performance Measurement Baseline, containing the Baseline Change Number, Baseline Change Title, Baseline Change

	Data Table Name	Description of Table
	(PMB) Change Data	Date, Approval Authority, Narrative, etc. The table also includes a snapshot of selected data elements that were a part of the PMB, such as Management Reserve, WBS-Level BCWP, ACWP, BAC and others.
14.	Project Upload File Data	This table holds all of the various types of upload files that were received from contractors and identifies the type of upload file, the date received, and other information. Some upload files can be large in size (e.g., 100MB)
15.	Projects Data	The master table containing all projects in the PARS II database. Each project record in the database will have data elements such as: Project ID, Project Description, Project Acronym, Site Code, Managing Office Code, Project Status, Project Location and will be linked to many other tables in the database.
16.	Risk Log Data	This table contains the Risk Log data, for the project, that was collected from the contractor via the upload process.

3.3 Database Data Elements

The table in this section identifies the data elements that are proposed for use by the PARS II **Oversight and Assessment** and **Contractor Project Performance** modules.

For familiarity, the table makes use of the format used by the “PARS Data Input Requirements Document” (published by Project Performance Corporation, March 25, 2006). The table shows how and data elements will be entered during the life cycle of the project. Cells in the table are color coded to identify the conditions for update, such as “required monthly, required annually, required at special event. The column headings and rows listed in the Proposed Data Elements for PARS II Table are arranged in the following manner:

- **Column 01 – Row:** contains the row number for the table. Please note that a **red-colored row number** means that a change was proposed to this data element by the Integrated Project team on January 14, 2008);
- **Column 02 – Approved:** contains the date in which the data element for that row was approved by OECM and IPT;
- **Column 03 – Ref:** contains the name of the system or document from which the data element was sourced. Reference codes are: ART (from the ART database), PDIR (PARS Data Input Requirements document), NEW (from discussions with Dekker, John Makepeace, others), PMET (Performance Metrics defined by OECM in March 2007);
- **Column 04 – Data Group:** contains the data group or data classification code for the data element;
- **Column 05 – Table Name:** contains the name of the PARS II database table to which the data element belongs;
- **Column 06 – Data Element Name:** contains the name of the data element, along with examples of data to be used (for some data elements);
- **Column 07 – Data Dictionary Description:** contains the commonly used definition for the data element;
- **Column 08 – Data Type:** describes the data elements type, such as alphanumeric, numeric, date;
- **Column 09 – Data Length:** defines the data element’s field length, in characters;
- **Column 10 – List of Values:** shows the list of data items (e.g., data values) that belong to the data element;
- **Column 11 – Comment:** contains a brief comment that can be used for multiple purposes;
- **Column 12 – Responsible:** contains the name of the group responsible for entering values into this data element. Group codes names are: PO (Program Office), FPD (Federal Project Director), OECM (OECM Analyst), CONTR (Contractor);
- **Column 13** – contains instructions on how the data should be entered as the project is approved at CD-0;
- **Column 14** – contains instructions on how the data should be entered as the project moves from CD-0 to approval at CD-1;
- **Column 15** – contains instructions on how the data should be entered as the project moves from CD-1 to approval at CD-2;
- **Column 16** – contains instructions on how the data should be entered as the project moves from CD-2 to approval at CD-3;
- **Column 17** – contains instructions on how the data should be entered as the project moves from CD-3 to approval at CD-4;
- **Column 18** – contains instructions on how the data should be entered as the project moves from CD-4 to approval at Close-out.

Table Sort Features: The Proposed Data Elements for PARS Table can be sorted by up to three columns simultaneously. The default sort sequence for the table is to sort it by the column titled “Row” (in ascending order). Examples of other useful sort sequences appear below.

- **Sort by Data Entry User** - to sort the table by user role, to see which data elements must be entered by each user group (while maintaining the original CD0 to CD-4 workflow order) use the Microsoft Word Table “Sort” function and enter the following items in the Sort Sequence dialogue box: (1) Sort by the column titled” **Responsible**, then (2) sort by the column titled: **Row**.
- **Sort by Data Group** – to sort the table by Data Group, such as Project Identity, Project Scope, Project Cost, etc. (while maintaining the original CD0 to CD-4 workflow order) use the Microsoft Word Table “Sort” function and enter the following items in the Sort Sequence dialogue box: (1) Sort by the column titled: **Data Group**, then (2) sort by the column titled: **Row**.
- **Sort by Table Name** – to sort the table by Table Name, such as Project, Narratives, FPD Certification, etc. (while maintaining the original CD0 to CD-4 workflow order) use the Microsoft Word Table “Sort” function and enter the following items in the Sort Sequence dialogue box: (1) Sort by the column titled: **Table Name**, then (2) sort by the column titled: **Row**.

Legend for Table Proposed Data Elements for PARS II: Use the legend (below) to interpret the symbols in color-coded cells found in the Proposed Data Elements table.

Legend for Table: Proposed Data Elements for PARS II

	Legend for Understanding How Data Elements Should Be Processed
**	Double asterisk (**) Life Cycle Costs for EM Operations Funded Projects
***	Triple Asterisk (***) Not required for EM Operations funded projects
AN	As Needed – Update this data element at any time in the project life cycle as needed
DU	Dual Use Data Element – this item is a dual use data element and may be found in the OA & CPP screens, functions and reports. This situation will occur when a project from a site does not use the CPP module and, therefore, all data for the project must be collected via the OA module.
IR@CD	Input required at CD Approval – An Input is required when the Critical Decision has been approved .
PB	Data elements flagged with the PB superscript will be included in the Performance Baseline (PB).
PMB	Data elements flagged with the PMB superscript will be included in the Performance Measurement Baseline (PMB).
RA	Required Annually - An update to this data element is required at the end of each fiscal year
RM	Required Monthly - A monthly update is required (during the 3 rd , 4 th week of the following month)
UR@CD	Update Required at CD Approval – An update is required when the Critical Decision has been approved .
UR@SE	Required at Special Event - An update to this data element is required when the Special Event indicated occurs
WCO	When Change Occurs – An update to this data element is required when a change occurs to a related data item, such as activity status.

3.4 Proposed Data Elements Table

Please note that recent changes to the Proposed Data Elements Table, as requested by IPT members and OECM staff can be identified by locating row numbers in the table that have been marked with red text. Rows marked for deletion and text marked with a “strikeout line” will be deleted in the final version of this document.

Proposed Data Elements for PARS II

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
1	Pending	New	Project Responsibility	Federal Agency Table	[Level 0 of Hierarchy] Federal Agency Acronym	The official acronym for the federal agency that will use the application, such as “DOE”.	A/N	10	“DOE”	DOE is the default agency value for PARS II	PO	IR@CD	AN	AN			
2	Pending	PDIR	Project Responsibility	Program Office	[Level 1 of Hierarchy] Program Office (aka Managing Program Office)	The DOE Program Office responsible for providing oversight for the project, as identified by official Program Office codes (e.g., SC, EM).	A/N	25	EM NNSA SC	See the <u>Hierarchy of Programs and Projects</u> diagram located at the beginning of this document.	PO	IR@CD	AN	AN			
3	Pending	New	Project Responsibility	Program Office	[Level 2 of Hierarchy] Program Sub-Office	Needs definition confirmed by the OECM Working Group.				See the <u>Hierarchy of Programs and Projects</u> diagram located at the beginning of this document. On 2/20/09, Science recommended that the FPD be responsible for populating this data element. On 2/20/09 OECM provided a spreadsheet that defines Program, Sub-Program Offices, and Program Names (See Appendix 4A) On 2/19/09, Science offered the following examples of Program Office and Sub-Programs: Program = Office of Science (SC) Sub-Programs =		IR@CD	AN	AN			

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										1. ASCR--Advanced Scientific Computing Research 2. BER--Biological and Environmental Research 3. BES--Basic Energy Sciences 4. FES--Fusion Energy Sciences 5. HEP--High Energy Physics 6. NP--Nuclear Physics 7. Safety, Security and Infrastructure							
4	Pending	New	Project Identity	Capital Asset	[Level 3 of Hierarchy] Capital Program	The title of the Capital Asset Program for this project.	A/N	50	Needs list of values or a table that contains Capital Asses Program names.	On March 5, 2009 , the OECM Working Group proposed that this new data element become the “parent” or umbrella data element for child projects.	OECM	IR@CD	AN	AN			
5	Pending	New	Project Identity	Project	[Level 4 of Hierarchy] PARS Project ID <small>PB & PMB</small>	<p>The PARS Project ID is the official Project Identification code for projects contained in the PARS II database.</p> <p>The value of the PARS Project ID is automatically assigned by PARS II at project creation (e.g. PARS-00001).</p> <p>The PARS II Project ID will be visible on all PARS II screens and reports.</p> <p>To maintain compatibility with the ART and PARS 1 applications, PARS II will also be required to display the DOE Project ID on many screens and reports.</p>	A/N	25	<p>As of March 5, 2009, examples of the PARS Project ID will include:</p> <ul style="list-style-type: none">- PARS-000001- PARS-999999	<p>On 1/28/09 OECM agreed that the value of the Project ID can be changed at any point in the project’s life cycle, but only done by OECM.</p> <p>On 1/28/09 OECM agreed that OECM will be responsible for entering the Project ID values into PARS II.</p> <p>On 1/28/09, the request to have the ability to enter a preliminary value for the Project ID, before CD-0, was “tabled” by OECM.</p>	OECM	IR@CD	AN	AN			

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										<p>After 1/28/09, OECM plans to meet with the CFO to see if the CFO will take responsibility for assigning new Project ID values to new projects, rather than have the PO Budget Office perform this function.</p> <p>On 2/19/09, OECM developed new recommendations for implementing PARS Project ID:</p> <p>1. PARS Project ID will be assigned by OECM at CD-0</p> <p>2. PARS Project ID will not change throughout its life cycle</p> <p>3. PARS Project ID is not dependent of any other IDs including budget/funding IDs</p> <p>On 2/20/09, Science recommended that "The FPD or PO should populate this data element since it's very possible that OECM will not be aware of projects obtaining CD-0, especially if the project TPC is less than \$100M."</p> <p>On March 5, 2009 the IPT determined that the current "Project ID" data element should be renamed to "PARS Project ID".</p>							

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										<p>On March 5, 2009 the IPT determined that a new format should be used for the PARS Project ID and will utilize the following template:</p> <p>1) 1) The first 5 character positions will contain the letters "PARS-".</p> <p>2) The remaining six character positions will be numeric (e.g. 999999) and will be automatically incremented by PARS II when each new project is created.</p> <p>On March 5, 2009 the IPT determined that it would "table" the following rules for a future meeting:</p> <p>a. PARS Project ID can be associated with one or more other IDs including budget/funding IDs</p> <p>b. Non-PARS Project IDs can be associated with one or more PARS Project IDs</p>							
6		ART	Project Identity	Project	DOE Project Number ^{PB & PMB}	<p>The DOE Project Number is the DOE Project Identification Code (e.g., 97-D-102) for construction and engineering design projects as reported in the OMB A-11 Exhibit 300 or the program budget submission.</p> <p>The DOE Project Number data element is used to identify the project</p>	A/N	25		<p>On March 27, 2009 the PARS Project Team recommended to OECM (JM) that the DOE Project ID be included in the list of Proposed Data Elements ... to maintain compatibility</p>	OECM	IR@CD	AN	AN			

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
						record and to link the project record to other project-related tables in the PARS database.				<p>with PARS 1 and ART during the migration of data from these systems.</p> <p>On March 31, 2009 Norm Ayers changed the name of this data element from DOE Project ID to DOE Project Number to eliminate possible confusion about having two related database elements named "ID".</p>							
7	02/12/09	ART	Project Identity	Project	Project Name	The official name of the project as approved by the Acquisition Executive. (e.g., National Ignition Facility).	A/N	50	N/A	<p>On 2/20/09, Science recommended that the FPD be responsible for populating this data element.</p>	PO	IR@CD	AN	AN			
8	02/12/09	PDIR	Project Identity	Project	Project Acronym	The acronym or abbreviated name for the project (e.g., NIF).	A/N	15	Can be blank	<p>On 2/20/09, Science stated that many projects do not have acronyms, and therefore, it should be acceptable to leave this data element blank.</p> <p>On 2/20/09, Science recommended that the FPD be responsible for populating this data element.</p>	PO	IR@CD	AN	AN			
9	02/12/09	PDIR	Project Scope	Project	Project Description	A brief description of the project's scope, schedule and budget.	A/N	1000	N/A	<p>On 2/20/09, Science recommended deleting this data element because cost schedule and KPPs are provided in other data elements.</p> <p>On 2/20/09, Science recommended that the FPD be responsible for populating this data element.</p>	PO	IR@CD	AN	AN			
10	Pending	PDIR	Project Identity	Project	Project Type 1	The Project Type Code is a method for categorizing the project.	A/N	25	<p>On March 5, 2009 the IPT determined that it would</p>	<p>On 1/28/09, OECM agreed that the list of values contained in the</p>	PO	IR@CD	AN	AN			

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
									implement nine new data elements to replace the project Type data element (see the OECM CM-2 List). ===== On March 19, 2009 the OECM Working group determines that it would not use the new data elements listed above but would instead use the following list of values as shown below: Project Types: 1a. Facility Construction 1b. Infrastructure Improvements 1c. Restoration or Remediation 1d. Disposition 1e. Information Technology 1f. Plant 1g. Major Items of Equipment 1h. Decontamination & Decommissioning	“OECM CM2 List” (a list that is linked to the Staffing Model and the EIR) should be used as replacement values for current items in the Project Type data element. John Makepeace will provide the CM2 list On 2/19/09 , OECM Kong provided the CM-2 List of Values, as posted in the cell to the left of this cell. These items may require the addition of approximately 20+ new data elements).							
11	Pending	New	Project Identity	Project	Project Type 2	A companion data element that Indicates if the previously selected Project Type value is either Nuclear or Non-nuclear.	A/N	1	Project type to be selected from a dropdown box will be: - Nuclear - Non-Nuclear - Blank (empty) On March 27, 2009, OECM (JM) stated that the default value for this data element should be “blank”	This data element is associated with the Project Type data element Could be implemented as a checkbox on screen.		IR@CD	AN	AN	AN	AN	

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
12	3/19/2009	PDIR	Project Identity	Project	Project Activity Status	The current activity status of the project, such as Active, Completed, Cancelled or Other.	A/N	25	1. Active 2. Completed 3. Cancelled 4. Other	<p>On 01/28/2009, OECM proposed that only three activity status values be used.</p> <p>On 2/19/09 Science requested that the list of values item: "Other" be included and also stated that, "if it is not added, then Science will not enter projects into PARS II".</p> <p>On March 5, 2009 the IPT defined these terms:</p> <p>a) Active = the project is being tracked in PARS, has achieved CD-0 and has not achieved CD-4.</p> <p>b) Complete = the project is no longer being tracked in PARS and has achieved CD-4.</p> <p>c) Cancelled = the project is no longer being tracked in PARS and did not achieve CD-4.</p> <p>d) Other = the project is no longer a DOE 413 project, is</p>	PO	IR@CD	AN	AN	AN	AN	

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										not completed and is not cancelled.							
13	2/19/09	IPT	Project Identity	Project	Project On Hold	The current on-hold status of a project	A	1	Yes or No Defaults to "No"	On 2/19/2009, the IPT made a decision to add a new data element called: "On Hold" with YES or NO response.	PO	IR@CD	AN	AN	AN	AN	
14	2/19/09	New	Project Identity	Project	Project of Special Interest	Identifies this project as one of "special interest" to the DOE Secretary or DOE Deputy Secretary.	Y/N	1	The default value for Project of Special Interest is "No". The OECM Analyst will change the value of this data element to "Yes" if the Secretary or DepSec declares that the project is of "special interest".	On 1/28/09 OECM agreed to eliminate the "Project Size" data element in PARS II and to replace it with a new data element called "Project of Special Interest".	OECM	IR@CD	AN	AN	AN	AN	
15	02/12/09	ART	Project Cost	Project	TPC at CD-0 (high) **	The high end of the total project cost range as approved at CD-0.	N	12	N/A	Input once	FPD	IR@CD					
16	02/12/09	ART	Project Cost	Project	TPC at CD-0 (low) **	The low end of the total project cost range as approved at CD-0.	N	12	N/A	Input once	FPD	IR@CD					
17		New	Project Schedule	Project	CD-4 at CD-0 (low)	An estimate, made at CD-0 approval, as to when the project will be completed. This estimate is for the low end of the range.	D	10	N/A	Requested by JM on 3/18/2009. On April 2, 2009 the OECM requested that the acronym "ECD" (representing the phrase "estimated completion date") be replaced with the acronym CD-4.	FPD	IR@CD					
18		New	Project Schedule	Project	CD-4 at CD-0 (high)	An estimate, made at CD-0 approval, as to when the project will be completed. This estimate is for the high end of the range.	D	10	N/A	Requested by JM on 3/18/2009. On April 2, 2009 the OECM requested that the acronym "ECD" (representing the phrase "estimated completion date") be replaced with the	FPD	IR@CD					

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										acronym CD-4.							
19	Pending	PDIR	Project Schedule	Milestone	Milestone ID	<p>The unique, sequential identification code for each critical decision milestone. The Milestone ID make is easier to track and sort milestones. Examples (CD-1, CD-2, CD-3A, etc)</p> <p>There was a request to change "Closeout" to "CD-5."</p>	A/N	12	CD-0 CD-1 CD-2 CD-3A CD-3 CD-4 Closeout	<p>As of 2/19/2009, OECM determined that it would use the list of values that appear to the left of this cell.</p>	OECM	IR@CD					
20		New	Project Schedule	Milestone	Milestone ID Suffix	<p>The Milestone ID Suffix gives the Program Office the ability to append an alphanumeric value to the existing Milestone ID, to allow for tailoring of the milestone</p>	A/N	4	<p>Examples include:</p> <p>-3B -3D -3E -3F -3G</p>	<p>On 2/19/09 the IPT proposed that a new data element be added, called: "Other or Tailored Milestones".</p> <p>Tailored milestones will be an option to the Program Offices as an additional field.</p> <p>Tailored milestones can contain whatever the Program Offices desire.</p> <p>Once entered, PARS II will display and print the Milestone ID Suffix to the right of the Milestone ID</p> <p>Need the Name, the Date, and a Note Field. PO</p>	PO	IR@CD	AN	AN			
21		New	Project Schedule	Milestone	Milestone ID Suffix Date	<p>The date that the Milestone ID Suffix was associated with a Milestone ID.</p>	D	10	Mm/dd/yyyy	<p>On 2/19/09 the IPT proposed that a new data element be added, called: "Other or Tailored Milestones".</p> <p>A tailored Milestone ID Suffix should show the date that the suffix was added.</p>	PO	IR@CD	AN	AN			
22		New	Project	Milestone	Milestone ID Suffix	A brief narrative that defines the	A/N	255	N/A	On 2/19/09 the IPT	PO	IR@CD					

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
			Schedule		Narrative	meaning of the suffix and tells why the Milestone ID Suffix was added to the Milestone ID				<p>proposed that a new data element be added, called: "Other or Tailored Milestones".</p> <p>A tailored Milestone ID Suffix should provide a narrative .</p>							
23		PDIR	Project Schedule	Milestone	Milestone Title	The official title of the Critical Decision Milestone.	A/N	256	<p>CD-0 – Approve Mission Need</p> <p>CD-1 – Approve Alternative Selection and Cost Range</p> <p>CD-2 – Approve Performance Baseline</p> <p>CD-3 – Approve Start of Construction</p> <p>CD-3A – Approve Start of Construction (sub-title should be appended here)</p> <p>CD-3B – Approve Start of Construction (sub-title should be appended here)</p> <p>CD-3C – Approve Start of Construction (sub-title should be appended here)</p> <p>CD-3D – Approve Start of Construction (sub-title should be appended here)</p> <p>CD-3E – Approve Start of Construction (sub-title should be appended here)</p> <p>CD-4 – Approve Start of Operations</p>	<p>As of 1/28/09 OECM determined that it would only Milestone CD-3 would require tailoring, permitting the following possible values: (e.g., CD-3, CD-3A, CD-3B, CD-3C, CD-3D, CD-3E)</p>	OECM	IR@CD					

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
									or Project Completion Closeout								
24	02/19/09	PDIR	Project Schedule	Milestone	Milestone Date Planned	The planned date in which the critical decision is expected to be met	Date	10	mm/dd/yyyy	DOE O 413.3A p.25 On April 2, 2009 OECM (JM) determined that data entry for the CD-2 and CD-3 Milestone Planning Dates must be done at CD-3 approval.	OECM	IR@CD	UR@CD	UR@CD	IR@SE (at CD-2 approval)	IR@SE (at CD-2 approval)	
25	02/12/09	PDIR	Project Scope	KPP	KPP Number ^{PB} (formerly KPP ID)	A unique sequential numeric identifier for each KPP.	N	3	1 2 3 4 5 6 Etc	On March 18, 2009 JM asked that the name of this data element "KPP ID" be changed to "KPP Number"	OECM	IR@CD	UR@CD	UR@CD			
26	02/12/09	PDIR	Project Scope	KPP	KPP Planned Scope ^{PB}	A brief narrative that describes the planned or intended characteristics, functions, requirements or design basis that, if changed, would have a major impact on the facility or system performance, schedule, cost and/or risk, or the ability of the interfacing project to meet its mission requirements. A KPP may be a performance, design, or interface requirement.	A/N	4000	Update KPPs as the project progresses through planning and design stages.	On April 2, 2009 OECM (JM) requested that the original description of this data element (e.g., "KPP Description") be renamed to "Planned Scope"	OECM	IR@CD	UR@CD	U@CD			
27		New	Project Scope	KPP	KPP Delivered Scope ^{PB}	A brief narrative that describes the actual, delivered key performance parameters for the project.	A/N	4000	N/A	On April 2, 2009 OECM (JM) requested this new data element.	OECM	IR@CD	UR@CD	U@CD			
28		New	Project Scope	KPP	KPP Validated	A Yes/No indicator that shows if the KPP was validated. Set the indicator to "Yes" after validation.	Y/N	1	Default = No	On April 2, 2009 OECM (JM) requested this new data element.	OECM	IR@CD	UR@CD	U@CD			
29		New	Project Scope	KPP	KPP Date Updated	The date that the KPP was updated.	Date	10	Data of data entry.	This new data element requested by JM on 3/18/2009.	OECM	IR@CD	UR@CD	U@CD			
30		New	Project Scope	KPP	KPP Updated By	The name of the person who updated the KPP.	A/N	30	Name will be taken from current name of data entry operator.	This new data element requested by JM on 3/18/2009.	OECM	IR@CD	UR@CD	U@CD			
31	02/12/09	PDIR	Project Schedule	Milestone	Milestone Date Actual	The date that the critical decision was met.	Date	10	mm/dd/yyyy	On 1/28/2009 OECM proposed that	OECM	UR@SE	UR@SE	UR@SE	UR@SE	UR@SE	UR@SE

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
						For projects initiated prior to DOE O 413.3 for which no formal CD- 0 was approved enter the date when first submitted in the President's budget request.				milestone or critical decision status be updated by OECM.							
32	02/12/09	PDIR	Project Status	Milestone	Milestone Approved By	The name of the approving authority for the critical decision.	A/N	50	N/A	On 1/28/2009 OECM proposed that milestone or critical decision status be updated by OECM.	OECM	UR@SE	UR@SE	UR@SE	UR@SE	UR@SE	UR@SE
33	02/12/09	PDIR	Project Status	Milestone	Milestone Narrative	Narrative that describes key activities or deliverables related to the preparation for approval of the critical decision. Include any current issues or actions.	A/N	256	N/A	On 1/28/2009 OECM proposed that milestone or critical decision status be updated by OECM.	OECM	UR@SE	UR@SE	UR@SE	UR@SE	UR@SE	UR@SE
34	Approved Pending Pick List Analysis 2/19/09	PDIR	Project Status	Attachment	Project Attachment Title	<p>The title of electronic document to be attached to the project. Examples include CD Approval, ESAAB Brief, etc).</p> <p>Documents to be attached must not be classified as "sensitive" in nature.</p>	A/N	255		<p>On 01/14/2009, the IPT determined that more discussion will be needed to determine which attachments should be "attached" to PARS by the FPD. The IPT is currently are in favor of implementing a list of mandatory attachments and a list of optional attachments.</p> <p>OECM stated that PARS II will provide a document repository, to be used for storing these attachments.</p> <p>On 1/28/09, the OECM</p>	FPD	IR@CD ²	UR@CD ³	UR@CD ⁴	UR@CD ⁵	UR@CD ⁶	

² Project attachments at CD-0 include the Pre-Conceptual Planning documents, Mission Needs Statement, Tailoring Strategy document, Mission Validation Independent Project Review document, Program Requirements document (required for NNSA only).

³ Project attachments at CD-1include the Conceptual Design Report, Acquisition Strategy, Preliminary Project Execution Plan, Project Data Sheet, Environmental documents, High Performance Sustainable Building Consideration documents, Preliminary Security Vulnerability Assessment, Cyber Security Plan (for IT projects), Conceptual Safety Design Report, Preliminary Hazard Analysis Report, Preliminary Safety Validation Report.

⁴ Project attachments at CD-2include the Performance Baseline document, the revised Project Execution Plan, Performance Baseline Validation Independent Review document, Independent Cost Estimate, Preliminary Design document, Project Data Sheet, Preliminary Safety Design Report, Hazard Analysis Report, Preliminary Security Vulnerability Assessment Report, Preliminary Safety Validation Report, national Environmental Policy Act documentation.



⁵ Project attachments at CD-3include the revised Project Execution Plan, revised Performance Baseline, and revised Project Data Sheet, Independent Review for Construction or Execution Readiness, Preliminary Safety Analysis Report, the revised Hazard Analysis Report, Preliminary Security Vulnerability Assessment Report, Safety Evaluation Report.

⁶ Project attachments at CD-4 include the Checkout, Testing and Commissioning Plan, the Project Transition to Operations Plan, the revised Quality Assurance Plan, Safety Analysis Report, Construction Project Safety and Health Plan, Hazard Analysis Report, Security Vulnerability Assessment Report, Cyber Security Plan (for IT projects), Safety Evaluation Report, Final Project Closeout Report, Lessons Learned Report, Operational documentation, Key Performance Parameters Verification Report.

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										<p>stated that Mel Frank will be providing a list of mandatory attachments for PARS II.</p> <p>On 2/19/09, OECM recommended that PARS II require the following attachments:</p> <p>1. At CD-0 approval, brief; mission need statement (MNS)</p> <p>2. At CD-1 approval, brief; acquisition strategy (AS)</p> <p>3. At CD-2 approval, brief; independent project review (IPR) or external independent review (EIR) report</p> <p>4. At CD-3 approval, brief; independent project review (IPR) or external independent review (EIR) report, if applicable</p> <p>5. At CD-3A approval, if applicable, brief</p> <p>CD-4 approval, brief</p> <p>6. Project Execution Plan (PEP) - will get updated as project progresses</p> <p>7. Project Data Sheet (PDS) - may be provided by OECM</p>							
35	02/12/09	PDIR	Project Status	Attachment	Project Attachment File Name	The computer filename of the attachment. Example: Project ABC123-4 CD Approval 20091021	A/N	50	N/A		FPD	IR@CD	UR@CD	UR@CD	UR@CD	UR@CD	
36	02/12/09	PDIR	Project Status	Attachment	Project Attachment URL	The hyperlink address of the attachment, once it has been stored	A/N	50	N/A		OECM	IR@CD	UR@CD	UR@CD	UR@CD	UR@CD	

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
						on the PARS II or OECM Document Management Server.											
37	02/12/09	ART	Project Cost	Project	Prior Year Work for EM-C	Prior year work, in dollars, for EM Cleanup projects.	N	12	N/A		OECM	IR@CD	UR@CD	UR@CD	UR@CD	UR@CD	
38	02/12/09	ART	Project Cost	Project	Near Term Baseline Work for EM-C (Low)	An estimate of Near Term Baseline work, expressed in K dollars, on the low side of the range for EM Cleanup projects.	N	12	N/A	Modified by Norm Ayers on 3/24/2009 during screen design mockups to assure compatibility with ART.	OECM	IR@CD	UR@CD	UR@CD	UR@CD	UR@CD	
39		ART	Project Cost	Project	Near Term Baseline Work for EM-C (High)	An estimate of Near Term Baseline work, expressed in K dollars, on the high side of the range for EM Cleanup projects.	N	12	N/A	Added by Norm Ayers on 3/24/2009 during screen design mockups to assure compatibility with ART.	OECM	IR@CD	UR@CD	UR@CD	UR@CD	UR@CD	
40	Pending	New	Project Schedule	Project	Out Year Planning Estimate for EM-C (Low)	An out year planning estimate, expressed as a date on the low side of the range, as to when the cleanup project will be completed.	Date	10		On March 19, 2009 the OECM Working Group stated that this original data element should be a range, instead of a point estimate. Therefore, two new range data elements (Low, High) were created.	OECM	IR@CD	UR@CD	UR@CD	UR@CD	UR@CD	
41	Pending	New	Project Schedule	Project	Out Year Planning Estimate for EM-C (High)	An out year planning estimate, expressed as a date on the high side of the range, as to when the cleanup project will be completed.	Date	10		On March 19, 2009 the OECM Working Group stated that this original data element should be a range, instead of a point estimate. Therefore, two new range data elements (Low, High) were created.	OECM	IR@CD	UR@CD	UR@CD	UR@CD	UR@CD	
42	02/12/09	ART	Project Cost	Project	Life Cycle Cost for EM-C (Low)	An estimate of Life Cycle Costs for this EM Cleanup project, on the low side of the range.	N	12	N/A	On 01/14/2009, the IPT determined that this data element (Life Cycle Cost for EM-C) should be calculated by summing the following data elements: "Prior Year Work for EM-C" plus "Near Term Baseline Work for EM-C" plus "Out Year Planning Estimate for EM-C"	Calculated	IR@CD	UR@CD	UR@CD	UR@CD	UR@CD	

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										Modified on 3/24/09 to assure compatibility with ART – Norm Ayers.							
43	02/12/09	ART	Project Cost	Project	Life Cycle Cost for EM-C (High)	An estimate of Life Cycle Costs for this EM Cleanup project, on the high side of the range.	N	12	N/A	On 01/14/2009, the IPT determined that this data element (Life Cycle Cost for EM-C) should be calculated by summing the following data elements: "Prior Year Work for EM-C" plus "Near Term Baseline Work for EM-C" plus "Out Year Planning Estimate for EM-C" Modified on 3/24/09 to assure compatibility with ART – Norm Ayers.	Calculated	IR@CD	UR@CD	UR@CD	UR@CD	UR@CD	
44	02/12/09	ART	Project Resp.	Project	FPD Name Assigned to Project	The name of the Federal Project Director who has been assigned to the project.	A/N	50	Selected from a dropdown box of FPDs only.	On 2/20/09, Science asked "Where is this list coming from?" "It should be noted that not all FPDs are certified at CD-1 so, most likely, the list of names can be more than the certified FPD list".	PO		IR@CD				
45	02/12/09	ART	Project Status	Narratives	Date of Project Status	The fiscal year (MM/YYYY) and calendar month for reporting status or writing assessments. This data element is updated by the author before writing or updating monthly status information. MM/YYYY	Date	10	N/A		FPD			RM	RM	RM	
46	02/12/09	PDIR	Project Status	Narratives	FPD Status Assessment	A brief narrative on the current project status, describing recent developments, comments, clarifications, or concerns relating to the project. Describe issues that need to be addressed at the Program and/or the Department level (e.g., risks encountered that will potentially require contingency held by DOE, assumptions in the project baseline	A/N	4000	N/A		FPD			RM	RM	RM	

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
						that are not valid and could result in potential delays or cost overruns).											
47	02/12/09	PDIR	Project Status	Narratives	FPD Status Assessment Indicator 	A color assigned to the red, yellow, green performance indicator that indicates the overall condition of the assessment.	Object	1	R, Y, G		FPD			RM	RM	RM	
48	02/12/09	NEW	Project Status	Narratives	FPD Corrective Action Plan	A narrative from the FPD that describes the corrective action plan expected to bring the project back on schedule, cost or other parameter.	A/N	4000	N/A	Needed? – JM (DOE O 413.3A Attachment 2, P1)	FPD			RM	RM	RM	
49	02/12/09	NEW	Project Status	Narratives	FPD Project Upcoming Events ID	A unique, sequential number that identifies the specific narrative, in order, for each of the upcoming events.	N	3	N/A	On 01/14/2009, the IPT determined that this data element should be automatically system generated by PARS II (e.g., 1,2,3,4,5)	PARS II			RM	RM	RM	
50	02/12/09	NEW	Project Status	Narratives	FPD Project Upcoming Events Narrative	Brief narrative that describes an upcoming event that should be brought to the attention of senior DOE management. This narrative to be shown on the DepSec Report.	A/N	4000	N/A	OK-JM	FPD			RM	RM	RM	
51	02/12/09	PMET	Project Status	Narratives	FPD Forecasted Month to Achieve Green	The calendar year and month that the FPD believes that issues will be resolved and the project will return to a status of “green”. MM/YYYY	Date	10	N/A		FPD			RM	RM	RM	
52	02/12/09	PMET	Project Status	Narratives	FPD Forecasted Completion Date	The data that the FPD expects the project to be completed. mm/dd/yyyy	Date	10	N/A		FPD			RM	RM	RM	
53	02/19/09	PMET	Project Status	Narratives	FPD Forecasted Total Project Cost (TPC)	The FPD's estimate for Total Project Cost	N	12	N/A		FPD			RM	RM	RM	
54	02/12/09	NEW	Project Status	Narratives	PO Status Assessment	A brief narrative on the current project status, describing recent developments, comments, clarifications, or concerns relating to the project. Describe issues that need to be addressed at the Program and/or the Department level (e.g., risks encountered that will potentially require contingency held by DOE, assumptions in the project baseline that are not valid and could result in potential delays or cost overruns).	A/N	4000	N/A		PO			RM	RM	RM	
55	02/12/09	NEW	Project Status	Narratives	PO Status Assessment Indicator 	A color assigned to the red, yellow, green performance indicator that indicates the overall condition of the assessment.	Object	1	R,Y,G		PO			RM	RM	RM	
56	02/12/09	PMET	Project	Narratives	OECM Status	A brief narrative on the current project	A/N	4000	N/A		OECM			RM	RM	RM	

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
			Status		Assessment	status, describing recent developments, comments, clarifications, or concerns relating to the project. Describe issues that need to be addressed at the Program and/or the Department level (e.g., risks encountered that will potentially require contingency held by DOE, assumptions in the project baseline that are not valid and could result in potential delays or cost overruns). OECM will use this data element to explain the color-coded assessments (Red, Yellow, Green) and other information as shown on the Monthly Report to the Deputy Secretary..											
57	02/12/09	PMET	Project Status	Narratives	OECM Status Assessment Indicator 	A color assigned to the red, yellow, green performance indicator that indicates the overall condition of the assessment.	Object	1	R,Y,G		OECM			RM	RM	RM	
58	02/12/09	PMET	Project Status	Narratives	OECM Progress Assessment	Narrative from the OECM identifying progress made towards Green.	A/N	4000	N/A		OECM			RM	RM	RM	
59	02/12/09	PMET	Project Status	Narratives	OECM Progress Assessment Indicator 	A color assigned to the red, yellow, green performance indicator that indicates the overall progress of the assessment.	Object	1	R,Y,G		OECM			RM	RM	RM	
60	02/12/09	ART	Project Status	Narratives	OECM Overall Assessment	A narrative of the OECM's final and overall assessment of the project for the reporting period. This narrative goes on the DepSec Report.	A/N	4000	N/A		OECM			RM	RM	RM	
61	02/12/09	ART	Project Status	Narratives	OECM Forecasted Month to Achieve Green	The calendar year and month that the OECM believes that issues will be resolved and the project will return to a status of "green". MM/YYYY	Date	10	N/A		OECM			RM	RM	RM	
62	02/12/09	ART	Project Status	Narratives	OECM Forecasted TPC	The OECM Analyst's estimate for Total Project Cost	N	12	N/A		OECM			RM	RM	RM	
63	02/12/09	PMET	Project Status	Narratives	OECM Forecasted Construction Completion Date at CD-4	The OECM Analyst's estimate for construction completion date at CD-4. MM/DD/YYYY	Date	12	N/A		OECM			RM	RM	RM	
64	02/12/09	ART	Project Status	Narratives	OECM Analyst Detailed Comments	A detailed narrative, kept by the OECM Analyst that contains ongoing narrative about the project. This data should not be made available for reporting.	A/N	4000	N/A	On 01/14/2009, the IPT determined that information stored in this data element may be "Sensitive" in nature because it could contain procurement	OECM			RM	RM	RM	

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										and contract info. On 1/28/09 the OECM determined that no changes will be made to this data element and that data entered into this field must not be of a sensitive nature.							
65	02/12/09	ART	Project Identity	Sites	Site Code	The alphanumeric abbreviation for Project Site (e.g., LLNL for Lawrence Livermore National Laboratory). Note that sites have only been set up for DOE facilities where projects are located. Field and Operation offices are not considered "physical sites." The site code table also contains a brief description for the site (e.g. Lawrence Livermore National Laboratory). If a project has multiple sites, chose "Multiple" and include the site names in the project description.	A/N	15	Dropdown	Input once	FPD		IR@CD				
66	02/12/09	ART	Project Identity	Project Location	THIS DATA ELEMENT MAY BE DELETED. Project Location	Description of location within a site (e.g., TA3 at Los Alamos, H Area at SRS). The physical description, name and/or alphanumeric abbreviation assigned by the Field Office to identify an administrative subdivision of a site.	A/N	256	(e.g., TA3 at Los Alamos, H Area at SRS).	On March 19, 2009 the OECM Working Group challenged the need for this data element. It may be deleted at the next meeting.	FPD		IR@CD				
67	02/12/09	ART	Project Resp.	Contractors	Prime Contractor Name	The name of the prime contractor responsible for overall management of the project when selected after CD-1. Select the dropdown value "Unknown" if contractor has not been selected.	A/N	50	Dropdown		FPD		IR@CD				
68		New	Project Resp.	Certification	FPM Certification Level	The current certification level of the Federal Program Manager	N	2	1,2,3,4,5	On March 29, 2009 OECM (JM) requested that new data elements be added for a new position called the Federal Program Manager. On April 2, 2009 the OECM (JM) stated that OECM will have to	OECM		IR@CD	AN	AN	AN	AN

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										discuss the need for implementing an FPM role in PARS II.							
69		New	Project Resp.	Certification	FPM Name	The full name of the Federal Project Manager assigned to this project.	A/N	30	Selected from dropdown box.	<p>On March 29, 2009 OECM (JM) requested that new data elements be added for a new position called the Federal Program Manager.</p> <p>On April 2, 2009 the OECM (JM) stated that OECM will have to discuss the need for implementing an FPM role in PARS II.</p>	OECM		IR@CD	AN	AN	AN	AN
70		New	Project Resp.	Certification	FPM Certification Log	A list of historical records that shows one record for each certification event for the FPM; identifying the certification level and the date of the certification.	A/N	4000	N/A	<p>On March 29, 2009 OECM (JM) requested that new data elements be added for a new position called the Federal Program Manager.</p> <p>On April 2, 2009 the OECM (JM) stated that OECM will have to discuss the need for implementing an FPM role in PARS II.</p>	Automatically generated by PARS II		IR@CD	AN	AN	AN	AN
71	2/19/09	PMET	Project Resp.	Certification	FPD Certification Level	The current certification level of the Federal Project Director (e.g., Level 0, 1, 2, 3, 4).	A/N	100	<p>Level 4: TPC exceeding \$400 million (M)</p> <p>Level 3: TPC greater than \$100M and equal to or less than \$400M</p> <p>Level 2: TPC greater than \$20M and equal to or less than \$100M</p> <p>Level 1: TPC greater than \$5M and equal to or less than \$20M.</p> <p>Level 0: FPD not</p>	<p>On 01/14/2009, the IPT had a discussion about the potential need to match the FPD's certification level of authority with the TPC value for the assigned project.</p> <p>EM stated that the dollar values assigned to each of the four responsibility levels do not align with dollar values assigned to similar EM Project Levels.</p> <p>On 1/28/2009, OECM</p>	OECM		IR@CD	AN	AN	AN	AN

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
									certified.	proposed that a new level number be added to this data element (level #0). The Level 0 value means that the "FPD is Not Certified"							
72		New	Project Resp.	Certification	FPD Name	The full name of the FPD currently assigned to this project.	A/N	30	Selected from dropdown box.	Added on 3/24/09 by Norm Ayers to provide support for the FPD Certification Log file.	OECM		IR@CD	AN	AN	AN	AN
73	02/12/09	PMET	Project Resp.	Certification	FPD Certification Log	A list of historical records that shows one record for each certification event for the FPD; identifying the certification level and the date of the certification.	A/N	4000	N/A		Automatically generated by PARS II		IR@CD	AN	AN	AN	AN
74	2/19/09	ART	Project Resp.	Certification	Contractor EVMS Certification Status	The contractor's current EVMS certification status, such as Certified, Reviewed, Not Reviewed, Surveilled.	A/N	25	Certified, Reviewed, Not reviewed Surveilled	On 1/28/09 the OECM proposed that a new value be added to the current list of values for this data element: "Surveilled".	OECM		IR@CD	AN	AN	AN	AN
75		New	Project Resp.	Certification	Contractor Name	The name of the contractor currently assigned to this project	A/N	30	Selected from dropdown box.	Added on 3/24/09 by Norm Ayers to provide support for the Contractor Certification Log file.	OECM		IR@CD	AN	AN	AN	AN
76	02/12/09	ART	Project Resp.	Certification	Contractor EVMS Certification Date	A date, linked to the corresponding Certification Status event.	Date	10	mm/dd/yyyy		OECM		IR@CD	AN	AN	AN	AN
77	2/19/09	New	Project Resp.	Certification	Contractor EVMS Log	A list of historical records that shows one record for each certification event for the contractor; identifying the certification status code and the date of the certification.	A/N	4000	N/A	On 01/14/2009, the IPT proposed that this new data element be added to PARS II	Automatically generated by PARS II		IR@CD	AN	AN	AN	AN
78	2/19/09	New	Project Resp.	Certification	COR Certification Status	The Contract Officer Representative's current Certification Status.	A	1	Yes or No, Default is No	On 01/14/2009, the IPT EM member proposed that this new data element be added. On 2/19/09, the IPT decided to establish values: Yes or No for this data element. Also, this data element will be marked as "optional for use" to the Program Office users,	PO		IR@CD	AN	AN	AN	AN

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										as EM may be the only PO using this.							
79		New	Project Resp.	Certification	COR Name	The name of the contract officer's representative currently assigned to this project	A/N	30	Selected from dropdown box.	Added on 3/24/09 by Norm Ayers to provide support for the COR Certification Log file.	PO		IR@CD	AN	AN	AN	AN
80	2/19/09	New	Project Resp.	Certification	COR Certification Date	The certification date that corresponds to the related COR Certification event.	Date	10	mm/dd/yyyy	On 01/14/2009, the IPT EM member requested that this new data element be added.	PO		IR@CD	AN	AN	AN	AN
81	2/19/09	New	Project Resp.	Certification	COR Certification Log	A list of historical records that shows one record for each certification event for the Contracting Officer Representative; identifying the certification status code and the date of the certification event.	A/N	4000		On 01/14/2009, the IPT requested that this data element be added.	Automatically generated by PARS II		IR@CD	AN	AN	AN	AN
82	02/12/09	ART	Project Cost	Project	TPC at CD-1 (low) **	An estimate, at the low side of the range in dollars, of the Total Project Cost at CD-1	N	12	N/A		FPD		IR@CD				
83	02/12/09	ART	Project Cost	Project	TPC at CD-1 (high) **	An estimate, at the high side of the range in dollars, of the Total Project Cost at CD-1	N	12	N/A		FPD		IR@CD				
84	02/12/09	ART	Project Schedule	Project	CD-4 at CD-1 (low)	An estimate, made at CD-1 approval, as to when the project will be completed. This estimate is the low end of the schedule range.	Date	10	N/A	On April 2, 2009 the OECM requested that the acronym "ECD" (representing the phrase "estimated completion date") be replaced with the acronym CD-4.	FPD		IR@CD				
85	Pending	New	Project Schedule	Project	CD-4 at CD-1 (high)	An estimate, made at CD-1 approval, as to when the project will be completed. This estimate is the high end of the schedule range.	Date	10	N/A	Requested by JM on 3/18/2009. On April 2, 2009 the OECM requested that the acronym "ECD" (representing the phrase "estimated completion date") be replaced with the acronym CD-4.	FPD		IR@CD				
86	02/12/09	PDIR	Budget Request	Budget	Budget Fiscal Year	The fiscal year of the President's Congressional Budget request (CRB). (YYYY)	Date	4	N/A	On 2/20/2009 Science recommended that the FPD populate this data element.	OECM		UR@SE	UR@SE	UR@SE	UR@SE	
87	02/12/09	PDIR	Budget	Budget	Budget Source	The source of data for the budget	A/N	256	Dropdown List of	On 2/20/2009 Science	OECM		UR@SE	UR@SE	UR@SE	UR@SE	

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
			Request			profile, such as the DOE Integrated Priority List, OMB, Congress, or the Performance Baseline			Values: DOE Integrated Priority List, OMB, Congress, Performance Baseline	recommended that the FPD populate this data element.							
88	02/12/09	PDIR	Budget Request	Budget	TEC (Design) ***	The total Project Engineering Design portion in the Budget Request.	N	12		On 01/14/2009, the IPT stated that it must provide a better definition for this data element. The IPT member from Science asked if this data element pertained to Preliminary Engineering Design, or to Design. On 2/20/2009 Science recommended that the FPD populate this data element.	OECM		UR@SE	UR@SE	UR@SE	UR@SE	
89	02/12/09	PDIR	Budget Request	Budget	TEC (Construction) ***	Enter the Total Estimated Construction cost estimated for the project. (Note: this will be inclusive of any LLI funds).	N	12		On 2/20/2009 Science recommended that the FPD populate this data element.	OECM		UR@SE	UR@SE	UR@SE	UR@SE	
90	02/12/09	PDIR	Budget Request	Budget	OPC Excluding D&D	Enter total Other Project Costs (e.g. Pre-Conceptual Design and Start-up).	N	12		On 01/14/2009, the IPT stated that it must provide a better definition for the term D&D, especially as they relate to EM projects. D&D = Deactivating and Decommissioning On 2/20/2009 Science recommended that the FPD populate this data element.	OECM		UR@SE	UR@SE	UR@SE	UR@SE	
91	Pending OECM Decision.	PDIR	Budget Request	Budget	D&D Costs	Enter the total cost for D&D associated with the construction project OECM pending decision.	N	12		On 01/14/2009, the IPT stated that it must provide a better definition for the term	OECM		UR@SE	UR@SE	UR@SE	UR@SE	

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										D&D, especially as they relate to EM projects. On 1/28/09 OECM stated that it <u>may</u> delete this data element. On March 5th, 2009 , the IPT decided to retain this data element (previously scheduled for deletion).							
92	02/12/09	PDIR	Budget Request	Budget	Operations	If the project includes operations, enter the total life cycle Operations Cost. Operations costs are for plant operations and are not to be confused with operations funds required as “OPCs” for line-item projects. (Many EM clean-up projects will only have Operations costs). This does not include operations costs after CD-4.	N	12		On 2/20/2009 Science recommended that the FPD populate this data element.	OECM		UR@SE	UR@SE	UR@SE	UR@SE	
93		PDIR	Project Schedule	Project	Approved CD-4 at CD-2	The Baseline Completion Date (CD-4) as approved by the Acquisition Executive at CD-2 and documented in the Performance Baseline.	D	10	Mm/dd/yyyy	On 2/20/2009 Science recommended that the FPD populate this data element. On March 23, 2009 Norm Ayers changed the name of this data element so that it could be referenced in the Performance Baseline. On April 2, 2009 the OECM requested that the acronym “ECD” (representing the phrase “estimated completion date”) be replaced with the acronym CD-4.	OECM			IR@CD			
94		PDIR	Project Cost	Project	Approved TPC at CD-2	The Baseline Total Project Cost (TPC) as approved by the Acquisition Executive at CD-2 and documented in the Performance Baseline.	N	12		On 2/20/2009 Science recommended that the FPD populate this data element.	OECM			IR@CD			

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
95		New	Project Scope	Project	Approved KPPs at CD-2		A/N	1000			OECM			IR@CD			
96	02/12/09	ART	Earned Value	Project	Original DOE Cost Contingency	<p>The initial or original amount set aside by DOE for Cost Contingency.</p> <p>DOE Cost Contingency is the reserve budget held by DOE.</p> <p>For EM operations funded projects this contingency will be for the entire PBS and consistent with the project baseline validated at CD-2.</p>	N	12	N/A		FPD			IR@CD			
97	02/12/09	PDIR	Earned Value	Project	Original DOE Schedule Contingency	<p>The original amount of schedule contingency, expressed in days, set aside for the project by DOE.</p> <p>Schedule Contingency is the total float in calendar days planned for this project.</p> <p>For EM operations funded projects schedule contingency will be for the entire PBS and will be consistent with the project baseline validated at CD-2.</p>	N	4			FPD			IR@CD			
98	02/12/09	NEW	Earned Value	Project	Original Contractor Fee/Profit	<p>The initial or original amount of Fee or Profit, expressed in dollars, set aside by DOE for the project.</p>	N	12	N/A	<p>On 01/14/2009, a member from the IPT pointed out that some projects do not have Fees.</p> <p>On 1/28/09 OECM stated that this data element will require additional discussion, as the Fee is sometimes tied to the Contract and not to the Project (an apportionment method may be required).</p>	FPD			IR@CD			
99		NEW	Earned Value	Project	Original Management Reserve	The original amount of Management Reserve assigned to the contractor.	N	12	N/A	This data element is to be used by those sites that do not upload data with the CPP module.	FPD			IR@CD			
100	Pending Language.	PMET	Project Schedule	Project	Actual Construction / Execution Start Date	The first "Notice to Proceed" issue date.	D	10	N/A	<p>Requested by Paul Bosco 2007</p> <p>On 1/28/09 OECM</p>	FPD				IR@CD		

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										<p>stated that the exact phrase for "Notice to Proceed" should be used and John White will investigate and provide the team with the complete phraseology.</p> <p>On 3/5/09, the IPT finalized the definition for this term.</p>							
101	02/12/09	ART	Earned Value	Project	DOE Cost Contingency Used This Period	The amount of DOE Cost Contingency used by the project this month.	N	12	N/A	Entered this month.	FPD			RM	RM	RM	
102	02/12/09	ART	Earned Value	Project	Remaining DOE Cost Contingency ^{PB}	The calculated, remaining amount of DOE Cost Contingency.	N	12	N/A	Calculated each month = (Original amount minus the amount used this period).	PARS II			RM	RM	RM	
103	02/12/09	PDIR	Earned Value	Project	DOE Schedule Contingency Used This Period	The amount of DOE Schedule Contingency, expressed in calendar days, that was used by the project during the month.	N	4		Entered each month	FPD			RM	RM	RM	
104	02/12/09	PDIR	Earned Value	Project	Remaining DOE Schedule Contingency ^{PB}	The number of days of DOE Schedule Contingency remaining for the project.	N	4	N/A	Calculated each month = (Original amount minus the amount used this period).	PARS II			RM	RM	RM	
105	02/12/09	New	Earned Value	Project	Contractor Fee/Profit Used This Period	The amount of Contractor Fee/Profit used this period.	N	12	N/A	Entered each month.	FPD			RM	RM	RM	
106	02/12/09	New	Earned Value	Project	Remaining Contractor Fee/Profit ^{PMB}	The remaining Contractor Fee/Profit.	N	12	N/A	Calculated each month = (Original amount minus the amount used this period).	PARS II			RM	RM	RM	
107		New	Earned Value	Project	Contractor Management Reserve Used This Period ^{PMB}	The amount of Management Reserve used this month.	N	12	March 30, 2009 - Sites not using the PARS CPP module may use this data element to enter this data on a manual basis.	Entered each month.	FPD			RM	RM	RM	
108		New	Earned Value	Project	Remaining Management Reserve ^{PMB}	The calculated, remaining amount of Management Reserve.	N	12	March 30, 2009 - Sites not using the PARS CPP module may use this data element to enter this data on a manual basis.	Calculated each month = (Original amount minus the amount used this period).	PARS II			RM	RM	RM	

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
109		NEW	Earned Value	Project Costs	Non-Contract Costs ^{DU}	Non-contract costs includes DOE direct costs for the project	N	12	Not sure where to collect this data element. Needs better definition. NCA		OECM			RM	RM	RM	
110	02/12/09	PDIR	PB Baseline Change	PB History	PB Version Number ^{PB}	The unique and sequential Baseline Version Number for each record (i.e. each new version of the baseline) in the Baseline Version Table.	A/N	12	BP-001 BP-002 etc	The Performance Baseline is the collective key performance, scope, cost, and schedule parameters, which are defined for all projects; includes the entire project budget (total project cost and CD-4 date) and represents DOE's commitment to Congress.	OECM			UR@SE	UR@SE	UR@SE	
111	02/12/09	PDIR	PB Baseline Change	PB History	PB Title ^{PB}	The title given to the baseline change, such as "Congressional Baseline".	A/N	50	N/A		OECM			UR@SE	UR@SE	UR@SE	
112	02/12/09	PDIR	PB Baseline Change	PB History	PB Approval Date ^{PB}	The date that the PB was approved by the approving official. MM/DD/YYYY	Date	12	N/A		OECM			UR@SE	UR@SE	UR@SE	
113	02/12/09	PDIR	PB Baseline Change	PB History	PB Approving Official Name ^{PB}	The name of the approving official that approved the PB.	A/N	50	N/A		OECM			UR@SE	UR@SE	UR@SE	
114	02/12/09	PDIR	PB Baseline Change	PB History	PB Change Submission Date ^{PB}	The date that the request for the change to the PB was made. mm/dd/yyyy	Date	12	N/A		OECM			UR@SE	UR@SE	UR@SE	
115	02/12/09	PDIR	PB Baseline Change	PB History	PB Change Directed? (Y/N) ^{PB}	A flag (Yes/No) that indicates if the change to the PB was directed by DOE.	Y/N	1	Yes No		OECM			UR@SE	UR@SE	UR@SE	
116	02/12/09	PDIR	PB Baseline Change	PB History	PB Change in Cost ^{PB}	If the baseline change accompanies a change in cost, enter the dollar value of the approved change (positive or negative)	N	12	N/A		OECM			UR@SE	UR@SE	UR@SE	
117	02/12/09	PDIR	PB Baseline Change	PB History	PB Change in Schedule ^{PB}	If the baseline change accompanies a change in schedule, enter the calendar days of approved change (positive or negative) that the schedule will be extended or reduced.	N	6	N/A		OECM			UR@SE	UR@SE	UR@SE	
118		New	PB Baseline Change	PB History	PB Change in KPPs ^{PB}	If the baseline change accompanies a change in key performance parameters, describe the changes between the original approved KPPs and the current KPPs.	A/N	1000			OECM			UR@SE	UR@SE	UR@SE	
119		New	PB Baseline Change	PB History	PB Narrative ^{PB}	The official text in the Performance Baseline approval document that that	N	12		This data element was added to the original list of PB data	OECM			UR@SE	UR@SE	UR@SE	

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
						summarizes the cost, schedule and scope elements for the project.				elements by Norm Ayers on March 23, 2009. The reason for this addition is to provide correct an omission from the original PB definition.							
120		New	PB Baseline Change	PB History	PB TPC ^{PB}	The official Total Project Cost as identified in the approval document for the Performance Baseline.	N	12		This data element was added to the original list of PB data elements by Norm Ayers on March 23, 2009. The reason for this addition is to provide correct an omission from the original PB definition.	OECM			UR@SE	UR@SE	UR@SE	
121		New	PB Baseline Change	PB History	PB at CD-4 ^{PB}	The official Estimated Completion Date at CD-4, as identified in the approval document for the Performance Baseline.	D	10	Mm/dd/yyyy	This data element was added to the original list of PB data elements by Norm Ayers on March 23, 2009. The reason for this addition is to provide correct an omission from the original PB definition. On April 2, 2009 the OECM requested that the acronym “ECD” (representing the phrase “estimated completion date”) be replaced with the acronym CD-4.	OECM			UR@SE	UR@SE	UR@SE	
122		New	PB Baseline Change	PB History	PB KPPs ^{PB}	The official text that describes the most important scope elements for the project, as identified in the approval document for the Performance Baseline.	A/N	1000	Narrative list of KPPs	This data element was added to the original list of PB data elements by Norm Ayers on March 23, 2009. The reason for this addition is to provide correct an omission from the original PB definition.	OECM			UR@SE	UR@SE	UR@SE	
123		New	PB Baseline Change	PB History	PB DOE Schedule Contingency ^{PB}	The approved total number of days of DOE Schedule Contingency for this performance baseline event.	N	12			OECM			UR@SE	UR@SE	UR@SE	

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
124		New	PB Baseline Change	PB History	PB DOE Cost Contingency ^{PB}	The approved total DOE Cost Contingency dollar amount for this performance baseline event.	N	12			OECM			UR@SE	UR@SE	UR@SE	
125		New	PB Baseline Change	PB History	PB Contractor Management Reserve ^{PB}	The approved total Contractor Management Reserve dollar amount for this performance baseline event.	N	12			OECM			UR@SE	UR@SE	UR@SE	
126		New	PB Baseline Change	PB History	PB Contractor Fee/Profit ^{PB}	The approved total Contractor Fee/Profit dollar amount for this performance baseline event.	N	12			OECM			UR@SE	UR@SE	UR@SE	
127	02/12/09	PDIR	Project Scope	KPP	KPP Scope Narrative at Completion ^{PB}	A brief narrative done at the completion of the project that verifies the completed scope against the approved scope. KPPs at CD-4 must equal KPP's at CD-2.	A/N	4000	N/A	This narrative can also be found in the attachment titled: "Key Performance Parameters Verification Report".	FPD					IR@CD	
128	02/12/09	ART	Project Cost	Project	Actual Cost at Financial Close-out (\$K) ^{PB}	Enter the final cost of the project when final financial closure is obtained.	N	12	N/A		FPD						IR@CD
129		New	Earned Value	Upload File	Upload File Project ID	The project identifier for the upload file, to be compared to the PARS Project ID and the DOE Project Number for validation	A/N	30		Inserted by Norm Ayers on April 6, 2009 (for compatibility with CPP and OA Module).	CONTR			RM			
130		New	Earned Value	Upload File	FPD Upload Approval Switch	The project identifier for the upload file, to be compared to the PARS Project ID and the DOE Project Number for validation	Y/N	1		On April 2, 2009 OECM requested this data element. It's position will have no impact on when the upload file will be transmitted to HQ.	CONTR			RM			
131		ART	Earned Value	Upload File	BCWS Incremental ^{PMB DU}	Budgeted Cost of Work Scheduled (BCWS) or Planned Value (PV) is the budget for the planned scope that is scheduled to be accomplished during the month. BCWS is the monthly planned accomplishment established in the project baseline. Enter the Monthly BCWS through project completion. BCWS must flow from the approved baseline at CD-2.	N	12	N/A	On 01/14/2009, the IPT talked about the different ways in which the BWCS profile is loaded with data by Program Offices. Many POs do not complete the entire BCWS profile. On 1/28/09 OECM determined that more discussion would be needed to resolve issues with this data element. As of March 5, 2009,	CONTR						

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
										the IPT determined that PARS II will display and print the words "BCWS Monthly" when it accesses the "BCWS Incremental" data element.							
132		NEW	Earned Value	Upload File	BCWS Cumulative <small>PMB DU</small>	Budgeted Cost of Work Scheduled (BCWS) or Planned Value (PV) is the budget for the planned scope that is scheduled to be accomplished during the cumulative period.	N	12	N/A	<p>On 01/14/2009, the IPT talked about the different ways in which the BWCS profile is loaded with data by Program Offices. Many POs do not complete the entire BCWS profile.</p> <p>On 1/28/09 OECM determined that more discussion would be needed to resolve issues with this data element.</p>	CONTR			IR@CD			
133		ART	Earned Value ⁷	Upload File	BCWP Incremental <small>PMB DU</small>	The Budgeted Cost of Work Performed (BCWP) or the Earned Value (EV) for the indicated month BCWP is the sum of all budgets for all completed work and the completed portions of ongoing work. BCWP is the total budget (in dollars) for the scope that was actually accomplished during the month.	N	12		As of March 5, 2009, the IPT determined that PARS II will display and print the words "BCWP Monthly" when it accesses the "BCWP Incremental" data element.	CONTR			RM	RM	RM	
134	02/12/09	NEW	Earned Value ⁸	Upload File	BCWP Cumulative <small>PMB DU</small>	The Budgeted Cost of Work Performed (Cum) or Earned Value (Cum) for the project-to-date. BCWP (Cum) is the sum of all budgets for all completed work and the completed portions of ongoing work. BCWP (Cum) is the total budget, in dollars, for the scope that was actually accomplished during the project-to-date period.	N	12			CONTR			RM	RM	RM	
135		ART	Earned Value	Upload File	ACWP Incremental <small>PMB DU</small>	The Actual Cost of Work Performed (ACWP) for the month. ACWP is the	N	12		As of March 5, 2009, the IPT determined	CONTR			RM	RM	RM	

⁷ Projects with a Total Project Cost (TPC) greater than or equal to \$20 million requires entry of Earned Value data elements

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	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
						actual cost incurred for the work accomplished during the month and is based on actual expenses accrued and not from financial reports.				that PARS II will display and print the words "ACWS Monthly" when it accesses the "ACWS Incremental" data element.							
136	02/12/09	NEW	Earned Value	Upload File	ACWP Cumulative <small>PMB DU</small>	The Actual Cost of Work Performed ACWP (Cum) for the Project-to-Date. This is the cumulative value over the project life.	N	12			CONTR			RM	RM	RM	
137		NEW	Earned Value	Upload File	BAC <small>PMB DU</small>	Enter the Budget at Completion (BAC), expressed in dollars, The BAC must equal the total of all BCWS entries for the entire life cycle of the project, BAC can be calculated or can be entered manually to validate the integrity of the BCWS profile.	N	12	N/A	Should this data element be calculated or entered?	CONTR			IR@CD			
138		ART	Earned Value	Upload File	ETC – Bottoms Up <small>PMB DU</small>	ETC is the bottoms-up estimate to complete the project, as expressed in dollars. Estimate To Complete is the current estimate of costs to complete all work from a point in time to the end of the project or program.	N	12	N/A		CONTR			RA	RA	RA	
139	02/12/09	ART	Earned Value	Upload File	ETC - Bottoms Up Date <small>PMB DU</small>	The date that the bottoms up estimate to complete exercise was made.	Date	10	N/A		CONTR			RA	RA	RA	
140	02/12/09	NEW	Earned Value	Upload File	EAC <small>PMB DU</small>	The estimate at completion (EAC) is the current estimated cost for program authorized work. EAC is calculated and represents the actual direct costs, plus indirect costs allocable to the contract, plus the estimate of costs (direct and indirect) for authorized work remaining.	N		N/A	On March 5, 2009 the IPT determined that the contractor could use any industry-standard formula for calculating EAC.	CONTR			IR@CD			
141	02/12/09	NEW	Earned Value	Upload File	Schedule Variance Narrative <small>DU</small>	The contractor's written narrative of schedule, as sourced from the control account level of the contractor's WBS. Give specific and most significant causes of variances, corrective actions being implemented, and recovery times. The narrative explanation must be clear, brief to the point and written	A/N	4000	N/A		CONTR			RM	RM	RM	

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
						to be understood by senior management – No abbreviations or acronyms are to be used. If the previously entered BCWS profile was changed for any reason an explanation must be provided in this narrative.											
142	02/12/09	NEW	Earned Value	Upload File	Cost Variance Narrative <small>DU</small>	The contractor's written narrative of cost variance, as sourced from the control account level of the contractor's WBS. Give specific and most significant causes of variances, corrective actions being implemented, and recovery times. The narrative explanation must be clear, brief to the point and written to be understood by senior management – No abbreviations or acronyms are to be used. If the previously entered BCWS profile was changed for any reason an explanation must be provided in this narrative.	A/N	4000	N/A		CONTR			RM	RM	RM	
143	02/12/09	NEW	Earned Value	Upload File	Earned Value Narrative <small>DU</small>	The contractor's written narrative of earned value, as sourced from the control account level of the contractor's WBS. Give specific and most significant causes of variances, corrective actions being implemented, and recovery times. The narrative explanation must be clear, brief to the point and written to be understood by senior management – No abbreviations or acronyms are to be used. If the previously entered BCWS profile was changed for any reason an explanation must be provided in this narrative.	A/N	4000	N/A		CONTR			RM	RM	RM	
144	02/12/09	NEW	Earned Value	Upload File	Risk Register Log <small>DU</small>	The contractor's risk log, as sourced from the contractor's scheduling system.	Object	64000	N/A		CONTR			RM	RM	RM	
145	02/12/09	ART	Earned Value	Upload File	Original Contractor Management Reserve <small>DU</small>	The initial or original amount of Management Reserve set aside for the project by DOE. For EM operations funded projects the	N	12	N/A		CONTR			IR@CD			

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
						MR will be for the current Near-Term project segment.											
146	02/12/09	ART	Earned Value	Upload File	Contractor Management Reserve Used This Period ^{DU}	The amount of Management Reserve, expressed in dollars, used this period.	N	12	N/A	Uploaded each month by CPP module.	CONTR			RM	RM	RM	
147	02/12/09	ART	Earned Value	Upload File	Remaining Contractor Management Reserve ^{DU}	The remaining amount of Management Reserve, expressed in dollars. The Management Reserve Remaining (MRR) is the total contractor management reserve uncommitted on a project. It is the amount of the Contract Budget Baseline (CBB) with-held for contract control purposes, rather than assigned for the accomplishment of a specific task or set of tasks. It is not part of the Performance Management Baseline (PMB)	N	12		Calculated each month = (Original Management Reserve – Management Reserve Used This Period)	PARS II			RM	RM	RM	
148	02/12/09	New	Earned Value	Upload File	Management Reserve Narrative	Text narrative, associated with the use of Management Reserve dollars for the period.	Text	4000	N/A		CONTR			RM	RM	RM	
149																	
150		New	Reference	Contacts	Contact ID												
151		New	Reference	Contacts	Salutation				Mr., Mrs, Doctor								
152		New	Reference	Contacts	First Name												
153		New	Reference	Contacts	Middle Initial												
154		New	Reference	Contacts	Last name												
155		New	Reference	Contacts	Suffix												
156		New	Reference	Contacts	Contact Title	The title of role performed by this user in PARS, such as FPD, OECM Analyst. The value for Title must be selected from a dropdown box and must match the list of titles (or roles) in the Contacts Group Permissions Table).											
157		New	Reference	Contacts	Program Office Code				NNSA, SC, EM								
158		New	Reference	Contacts	Site Code												
159		New	Reference	Contacts	MailStop												
160		New	Reference	Contacts	Address Line 1												
161		New	Reference	Contacts	Address Line 2												
162		New	Reference	Contacts	Address Line 3												
163		New	Reference	Contacts	Address Line 4												

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
164		New	Reference	Contacts	City												
165		New	Reference	Contacts	State												
166		New	Reference	Contacts	Zipcode												
167		New	Reference	Contacts	Phone (work)												
168		New	Reference	Contacts	Phone (mobile)												
169		New	Reference	Contacts	Fax (work)												
170		New	Reference	Contacts	Email Address (primary)												
171		New	Reference	Contacts	Email Address (secondary)												
172		New	Reference	Contacts	Date Assigned	The date that the contact was assigned to a project.											
173		New	Reference	Contacts	Data De-assigned	The date that the contact was de-assigned or removed from a project.											
174																	
175		New	Reference	Contacts Group	Contacts Group ID				1,2,3,4								
176		New	Reference	Contacts Group	Contacts Group Title	<p>“PARS 1 Project Contacts Report”</p> <p>1. Federal Project Director</p> <p>2. Deputy Federal Project Director</p> <p>4. Program Manager</p> <p>5. Contractor Project Manager</p> <p>6. Acquisition Executive</p> <p>7. Interested Party</p> <p>“PARS 1 Ad Hoc Report”</p> <p>1. PARS Read Only</p> <p>2..PARS Data Entry</p> <p>3. PARS OECM Staff</p> <p>4. PARS Program Administrator</p> <p>5. PARS Program Manager</p> <p>6. PARS Site Administrator</p> <p>7. PARS Site Manager</p> <p>“New Entry”</p> <p>1. Federal Program Manager (FPM)</p> <p>“Alternate Positions for Group Titles?”</p> <p>1. Alternate FPD</p> <p>2. Alternate OECM</p> <p>3. Alternate Program Manager</p> <p>4. etc</p>	A/N	30	<p>1. Federal Project Director</p> <p>2. Deputy Federal Project Director</p> <p>3. Program Manager</p> <p>4. Contractor Project Manager</p> <p>5. Acquisition Executive</p> <p>6. Interested Party</p> <p>1. PARS Read Only</p> <p>2..PARS Data Entry</p> <p>3. PARS OECM Staff</p> <p>4. PARS Program Administrator</p> <p>5. PARS Program Manager</p> <p>6. PARS Site Administrator</p> <p>7. PARS Site Manager</p>								
177		New	Reference	Contacts Group	Contacts Group Permissions	The access right assigned to this group.			View Add Edit								

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
									Delete etc								
178																	
179		New	Reference	FPD Certification	FPD Contact ID				1,2,3,4,5								
180		New	Reference	FPD Certification	FPD Certification Level				Level 4: TPC exceeding \$400 million (M) Level 3: TPC greater than \$100M and equal to or less than \$400M Level 2: TPC greater than \$20M and equal to or less than \$100M Level 1: TPC greater than \$5M and equal to or less than \$20M. Level 0: FPD not certified.								
181		New	Reference	FPD Certification	FPD Certification Status Code Description				1. Certified, 2. Not Certified 3. Under Review								
182		New	Reference	FPD Certification	FPD Certification Date				Mm/dd/yyyy								
183																	
184		New	Reference	FPM Certification	FPM Contact ID												
185		New	Reference	FPM Certification	FPM Certification Level				TBD								
186		New	Reference	FPM Certification	FPM Certification Date												
187																	
188		New	Reference	COR Certification	COR Contact ID												
189		New	Reference	COR Certification	COR Certification Status				Y, N	Yes or No							
190		New	Reference	COR Certification	COR Certification Date												

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
191																	
192		New	Reference	Sites	Site ID				1,2,3,4,5								
193		New	Reference	Sites	Site Code												
194		New	Reference	Sites	Site Description												
195																	
196		New	Reference	Program Office	Program Office ID				1,2,3,4,5								
197		New	Reference	Program Office	Program Office Code				SC								
198		New	Reference	Program Office	Program Office Description				Office of Science								
199																	
200		New	Reference	Program Sub Office	Program Sub Office ID				1,2,3,4,5,6								
201		New	Reference	Program Sub Office	Program Sub Office Code				HEP								
202		New	Reference	Program Sub Office	Program Sub Office Description				High Energy Physics								
203																	
204		New	Reference	Capital Program	Capital Program ID												
205		New	Reference	Capital Program	Capital Program Code				1,2,3,4,5								
206		New	Reference	Capital Program	Capital Program Description				Laser Fusion Capital Asses program								
207																	
208		New	Reference	Contractor Names	Contractor ID				1,2,3,4,5,6								
209		New	Reference	Contractor Names	Contractor PARS Project ID				PARS-000034								
210		New	Reference	Contractor Names	Contractor Name				Bechtel of Georgia								
211		New	Reference	Contractor Names	Contractor Address 1												
212		New	Reference	Contractor Names	Contractor Address 2												
213		New	Reference	Contractor Names	Contractor City												
214		New	Reference	Contractor Names	Contractor State												
215		New	Reference	Contractor	Contractor Zipcode												

	Approved	Ref	Data Group	Table Name	Data Element Name	Data Dictionary Description	Data Type	Data Length	List of Values	Comments	Responsible	CD-0	CD-1	CD-2	CD-3	CD-4	Closeout
				Names													
216		New	Reference	Contractor Names	Contractor Phone												
217		New	Reference	Contractor Names	Contractor Fax												
218																	
219		New	Reference	Contractor Certification	Contractor Certification ID												
220		New	Reference	Contractor Certification	Contractor EVMS Certification Code Number				1,2,3								
221		New	Reference	Contractor Certification	Contractor EVMS Certification Code Description				1. Certified, 2. Reviewed, 3. Not Reviewed								
222		New	Reference	Contacts	Date Assigned	The date that the contractor was assigned to a project.											
223		New	Reference	Contacts	Data De-assigned	The date that the contractor was de-assigned or removed from a project.											
224																	
225		New	Reference	Critical Decision Structure	CD Structure ID				CD-0, CD-1 CD-2								
226		New	Reference	Critical Decision Structure	CD Structure Title				Approve Baseline								
227																	
228		New	Reference	Project Activity Status	Project Activity Status Code Number				1,2,3,4,5								
229		New	Reference	Project Activity Status	Project Activity Status Code Description				1. Active 2. Completed 3. Cancelled 4. Other								
230																	